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ABSTRACT

Computer software packages that are commercially available for physics instruction are compiled in this paper. Information for each program includes: the broad subject category (i.e., mechanics, waves and sound, heat and thermodynamics, electricity and magnetism, optics and light, modern physics, mathematical models, or general reference/testing material); level of instruction; computer compatability; intended purpose (e.g. demonstration, simulation, data handling, remedial, exercises); and citations concerning where, if at all, the software has been reviewed. A key is provided that explains the coding systems used in the listing. Vendor addresses are also provided. (Prices are not given.) (ML)

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Commercial Software for Teaching Physics
(June, 1986)

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This is a compilation of computer software packages that can be purchased. The list has been prepared from commercial literature and is, therefore, incomplete. The writer is solely responsible for any omissions from the list.

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KEY

1. The first column on the left indentifies the subject matter covered, using conventional terminology in physics.

   MECH - Mechanics

   EL-MAG - Electricity and Magnetism

   WA-SND - Waves and Sound

   LIGHT - Optics and Light

   H-THER - Heat and Thermodynamics

   MOD-PH - Modern Physics

   MATH-M - Mathematical Methods (applicable to physics)

   GENL - General reference and testing material

2. The second column gives the name of the program.

3. The third column identifies the microcomputer(s) for which the program has been written.

4. The fourth column relates the mathematical treatment to a conventional level of instruction.

   "College" means that calculus is used.

   "Sec.-Coll." means that the program is suitable for both high school use and non-calculus physics courses at the college level.

   "Mid/Jr. Hi" means that the program is designed for use in grades 6, 7, and 8.

5. The fifth column gives a nominal description of the intended purpose of the program.

   DEMONS - The program is used to demonstrate a principle or device, e.g. in a lecture setting.

   SIMULA - Experiments or devices are simulated with these programs.

   DATA-H - The computer is either connected to laboratory apparatus or will analyze experimental data fed into it.

   EXERCI - The program is used to give the student practice in solving problems.

   REMEDL - A tutorial or remedial format is used to give the student feedback after answering questions (or solving problems).

   UTILTY - Identifies teaching aide such as text banks, glossaries, and text editing programs.

6. Vendors are identified by code. A list of names, addresses and telephone numbers is attached.

7. Published reviews are cited in the right column.

Commercial Software for Teaching Physics
(June, 1986)

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MECH WA-SND H-THER EL-MAG LIGHT MOD-PH MATH-M	Unprintable Physics	Apple II & IIe	College	DEMONS SIMULA	PRH	Phys. Teach. 22, 602 (1984); Sci. Teach. 51, 81 (Oct. 1984)
MECH	Dynamics	Apple II IBM PC Z-100	College	EXERCI	KII	
MECH	Three-Body Orbits	Apple II	College	EXERCI	CDL, EDT, PLP	
MECH	Visual Vibrations	Apple II IBM PC Z-100	College	EXERCI	KII	
MECH	Mechanics (for University Physics, Sears et al.)	Apple II & IIe	College	EXERCI	AWP	Phys. Teach. 23, 106 (1985)
MECH	Mechanics (for Arfken et al.)	Apple II & IIe	College	EXERCI	ACP	Phys. Teach. 23, 506 (1985)
MECH	Part I - Mechanics	Apple II	College	EXERCI	AWP	Phys. Teach. 23, 569 (1985)
MECH	Physics I: Mechanics	IBM PC	College	EXERCI	CDP	Phys. Teach. 24, 181 (1986)
MECH MOD-PH MATH-M	Advanced Physics	Apple II	Sec.-Coll.	DEMONS	CDL, CSC, EDT, QUI	
MECH	Harmonic Motion Workshop	Apple II & IIe	Sec.-Coll.	DEMONS	CDL, HTS	Phys. Teach. 21, 468 (1983)
MECH	Mass Springs	Apple II	Sec.-Coll.	DEMONS	CDL	
MECH	Mechanics	Apple II	Sec.-Coll.	DEMONS	CDL, CSC, EDT, QUI	Phys. Teach. 21, 336 (1983)
MECH	Physics Examples I	Atari 800	Sec.-Coll.	DEMONS	CDL, CON	

MECH WA-SND H-THER EL-MAG LIGHT MOD-PH MATH-M	The Physics Disk	Apple II & IIe	Sec.-Coll.	DEMONS EXERCI SIMULA	PRH	
MECH MOD-PH MATH-M	Lecture Demonstrations: Advanced Physics	Apple II	Sec.-Coll.	DEMONS	EDT, PLP	
MECH	Lecture Demonstrations: Mechanics	Apple II	Sec.-Coll.	DEMONS	EDT, PLP	
MECH	Air Track Simulator	Apple II	Sec.-Coll.	SIMULA	CDL	Phys. Teach. 23, 370 (1985)
MECH	Gravity Simulation	IBM PC	Sec.-Coll.	SIMULA	CDL, CES, PLP	
MECH	Computer-Simulated Lab Experiments: Nonconstant Acceleration	Apple II	Sec.-Coll.	SIMULA	CDL, CSC, EDT, PLP, QUI	Microsift Coursew. Eval.
MECH	Computer-Simulated Lab Experiments: Parabolic Motion	Apple II	Sec.-Coll.	SIMULA	CDL, CSC, EDT, PLP, QUI	Microsift Coursew. Eval.
MECH	Computer-Simulated Lab Experiments: Planetary Motion	Apple II	Sec.-Coll.	SIMULA	CDL, CSC, EDT, PLP, QUI	Microsift Coursew. Eval.
MECH	Lab Experiments: Mechanics, Set 1	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	
MECH	Lab Experiments: Mechanics, Set 2	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	
MECH	Lab Experiments: Mechanics, Set 3	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MECH	Precision Timer II	Apple II, IIc, & IIe Commodore 64	Sec.-Coll.	DATA-H	CBS, CSC, VES	Sci. Teach. 52, 76 (Feb. 1985); Digest of Softw. Rev. 2, No. 2 (May 1984); Comp. Teach., p. 24 (Nov. 1983); Microsift Coursew. Eval.
MECH	Circular Motion	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CBS, CDL, CES, QUI	
MECH	Collisions/Harmonic Motion	Apple II	Sec.-Coll.	EXERCI	EME, QUI	
MECH WA-SND H-THER EL-MAG LIGHT MOD-PH	Physics Library	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	EXERCI	PLP	
MECH	Elementary Mechanics	Apple II IBM PC	Sec.-Coll.	EXERCI	CDP	Phys. Teach. 24, 305 (1986)
MECH	Knowledge Master -Physics 1	Apple II	Sec.-Coll.	EXERCI REMEDL	ACH, PLP, QUI	Phys. Teach. 23, 175 (1985)
MECH	Computer Physics: Space Station	Apple II	Sec.-Coll.	EXERCI SIMULA	CDL, CSC, EDT, PLP	
MECH	Computer Physics: Target	Apple II	Sec.-Coll.	EXERCI SIMULA	CDL, CSC, EDT, PLP QUI	Phys. Teach. 23, 306 (1985)
MECH	Computer Physics: Vector	Apple II	Sec.-Coll.	EXERCI	CDL, CSC, EDT, PLP, QUI	
MECH	Conservation Laws	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CBS, CDL, CES, QUI	
MECH	Conservation of Energy & Momentum	Apple II	Sec.-Coll.	EXERCI	CDL, EME, QUI	
MECH	Introductory Mechanics	Apple II & IIe	Sec.-Coll.	EXERCI	CBS, CDL, CON, EDC, QUI	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MECH	Kinematics II	Apple II, IIc, & IIe	Sec.-Coll.	DEMONS EXERCI	CBS, CDL, CSC, QUI, VES	Phys. Teach. 24, 122 (1986); Sci. Teach. 52, 77 (Mar. 1985); Microsift Course Eval.
MECH	Laws of Motion	Apple II TRS-80 IBM PC	Sec.-Coll.	EXERCI SIMULA	CBS, CDL, EME, PLP QUI	Phys. Teach. 21, 192 (1983); Sci. Teach. 51, 73 (Feb. 1984); Microsift Coursew. Eval.
MECH	Motion	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CBS, CDL, CES, QUI	Phys. Teach. 21, 403 (1983)
MECH	Newton: Satellite Orbits	Apple II & IIe TRS-80 Commodore PET	Sec.-Coll.	EXERCI	CBS, CON, EDC, OLI QUI	Microsift Coursew. Eval.
MECH	Nonlinear Motion	Apple II & IIe	Sec.-Coll.	DEMONS	EIL, FMI, PLP	
MECH	Projectile & Circular Motion	Apple II	Sec.-Coll.	EXERCI	CDL, EME, QUI	
MECH	Projectiles II	Apple II, IIc & IIe	Sec.-Coll.	SIMULA EXERCI	CBS, CDL, CSC, OLI QUI, VES	Phys. Teach. 24, 122 (1986); Sci. Teach. 52, 86 (May 1985); Microsift Course Eval.
MECH	Projectile Motion Workshop	Apple II	Sec.-Coll.	DEMONS	CDL, HTS	
MECH	Orbit II	Apple II, IIc & IIe	Sec.-Coll.	SIMULA EXERCI	CBS, CDL, OLI, QUI, VES	Phys. Teach. 24. 122 (1986); Microsift Coursew. Eval.
MECH	Saturn Navigator	Apple II	Sec.-Coll.	SIMULA	CDL	
MECH LIGHT	Experiments in Science	Apple II & IIe	Sec.-Coll.	DATA-H	CDL, CSC, HRM	Microsift Coursew. Eval.
MECH H-THER MATH-M	Physics I	Apple II & IIe TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	EXERCI	EIL, OLI, PLP, QUI	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MECH	Statics	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CBS, CDL, CES, QUI	Phys. Teach. 21, 117 (1983)
MECH	Statics and Dynamics	Apple II	Sec.-Coll.	EXERCI	CDL, EME, QUI	
MECH	Vectors and Linear Motion	Apple II & IIe	Sec.-Coll.	DEMONS EXERCI	CDL, EIL, FMI, PLP	
MECH	Vector	Apple II	Sec.-Coll.	SIMULA	CDL	
MECH	Graphic Physics: Acceleration	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
MECH	Graphic Physics: Circular Motion	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
MECH	Graphic Physics: Free Fall	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
MECH	Graphic Physics: Newton's Law	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	Phys. Teach. 22, 112 (1984)
MECH	Graphic Physics: Momentum	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
MECH	Graphic Physics: Projectile Problems	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
MECH	Graphic Physics: Uniform Motion	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
MECH	Graphic Physics: Work and Energy	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	Phys. Teach. 22, 112 (1984)
MECH	Rendevous	Apple II & IIe	Sec.-Coll.	EXERCI SIMULA	CDL, ELI	
MECH	Matter and Energy	Apple II & IIe TRS-80 Commodore PET Commodore 64	Mid/Jr. Hi	EXERCI	EIL, FMI, OLI	Microsift Coursew. Eval.

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MECH	The Physical Sciences	Apple II & IIe	Mid/Jr. Hi	EXERCI	EIL	
MECH	Energy and Power	Commodore 64	Mid/Jr. Hi	EXERCI	MEI	Microsift Coursew. Eval.
MECH	Simple Machines	Apple II & IIe	Mid/Jr. Hi	EXERCI REMEDL	CDL, OLI	
MECH	Graphic Physics J.H.: Energy	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MECH	Graphic Physics J.H.: Motion	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MECH	Vogo	Apple II	Mid/Jr. Hi	EXERCI	CDL	
MECH	Free Fall	Apple II & IIe		EXERCI	OLI	
WA-SND	Group Velocity	Apple II & IIe	College	EXERCI	CBS, CON, EDC, QUI	
WA-SND H-THER	Harmonic Motion, Heat, & Sound (for Sears, et al.) University Physics	Apple II & IIe	College	EXERCI	AWP	Phys. Teach. 23, 106 (1985)
WA-SND H-THER MOD-PH	Special Relativity, Thermodynamics, Waves (for Arfken et al.)	Apple II & IIe	College	EXERCI	ACP	Phys. Teach. 23, 506 (1985)
WA-SND EL-MAG LIGHT	Optics, Wave Motion, and Electricity	Apple II	Sec.-Coll.	DEMONS	CDL, CSC, EDT, QUI	
WA-SND	Standing Waves	Apple II & IIe	Sec.-Coll.	DEMONS	CDL, CON, EDC	
WA-SND	Vibration and Wave Motion	Apple II & IIe	Sec.-Coll.	DEMONS EXERCI	EIL, FMI, PLP	
WA-SND	Wave Addition II	Apple II, IIc, & IIe	Sec.-Coll.	DEMONS	CBS, CDL, CSC, QUI VES	Phys. Teach. 24, 122 (1986); Microsift Coursew. Eval.
WA-SND	Computer-Simulated Lab Experiments: Wave Motion	Apple II	Sec.-Coll.	SIMULA	CSC, EDT, PLP, QUI	Microsift Coursew. Eval.
WA-SND	Frequency Meter	Apple II, IIc, & IIe	Sec.-Coll.	DATA-H	VES	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
WA-SND	Lab Experiments: Waves	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	
WA-SND	Sound	Apple II	Sec.-Coll.	DATA-H	CBS, CES	Sci. Teach. 51, 73 (Mar. 1984)
WA-SND LIGHT	INTERP: Wave Superposition	Apple II & IIe TRS-80 Commodore PET	Sec.-Coll.	EXERCI	CBS, CON, EDC, PLP, QUI	
WA-SND	Graphic Physics: Sound	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
WA-SND	Graphic Physics: Waves	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
WA-SND EL-MAG	Lecture Demonstrations: Wave Motion & Electricity	Apple II	Sec.-Coll.	DEMONS	EDT, PLP	
WA-SND	Waves and Vibrations: Wave Demonstrations	Apple II Commodore	Sec.-Coll.	DEMONS REMEDL	CDL, PLP	
WA-SND	Waves and Vibrations: Longitudinal Wave Demonstrator	Apple II Commodore	Sec.-Coll.	DEMONS EXERCI REMEDL	CDL, PLP	
WA-SND	Waves and Vibrations: Periodic Motion	Apple II Commodore	Sec.-Coll.	EXERCI REMEDL	CDL, PLP	
WA-SND	Waves and Vibrations: Periodic Waves-Basic Concepts	Apple II Commodore	Sec.-Coll.	EXERCI REMEDL	CDL, PLP	
WA-SND	Waves and Vibrations: Periodic Waves-Interference and Standing Waves	Apple II Commodore	Sec.-Coll.	EXERCI REMEDL	CDL, PLP	
WA-SND	Waves and Vibrations: Waves in a Linear Medium - Introduction	Apple II Commodore	Sec.-Coll.	EXERCI REMEDL	CDL, PLP	
WA-SND	Waves and Vibrations: Waves in a Linear Medium - Superposition	Apple II Commodore	Sec.-Coll.	EXERCI REMEDL	CDL, PLP	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
WA-SND EL-MAG LIGHT MOD-PH	Knowledge Master - Physics 2	Apple II	Sec.-Coll.	EXERCI REMEDL	ACH, PLP, QUI	Phys. Teach. 23, 175 (1985)
WA-SND	Graphic Physics J.H.: Sound	Apple II	Mid/Jr. Hi	REMEDL	PLP	
WA-SND EL-MAG LIGHT	Waves and Optics	Apple II & IIe		EXERCI	OLI	
H-THER	Thermodynamics	Apple II IBM PC	College	EXERCI REMEDL	CBS, CDL, CES, PLP, QUI	Phys. Teach. 23, 240 (1985)
H-THER	Temperature Plotter	Apple II, IIc, & IIe	Sec.-Coll.	DATA-H	CDL, VES	
H-THER	Heat	Apple II	Sec.-Coll.	DATA-H	CBS, CES	Comp. Teach., p. 23 (Nov. 1983)
H-THER	Lab Experiment: Heat	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	
H-THER	Temperature Grapher	Apple II	Sec.-Coll.	DATA-H	CDL, HRM	Microsift Coursew. Eval.
H-THER	Calorimetry and Thermodynamics	Apple II	Sec.-Coll.	EXERCI	CDL, CSC, EME, QUI	Phys. Teach. 23, 240 (1985)
H-THER	Heat Energy	Apple II & IIe Commodore 64	Sec.-Coll.	EXERCI	EIL, PLP	
H-THER	Graphic Physics: Gas Laws	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
H-THER	Graphic Physics: Heat	Apple II	Sec.-Coll.	REMEDL	CBS, JSS, OLI, PLP, QUI	
H-THER	Gas Laws	Apple II	Sec.-Coll.	EXERCI	QUI	
H-THER WA-SND EL-MAG LIGHT	Physics II	Apple II or IIe TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	EXERCI	EIL, OLI, PLP, QUI	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
H-THER	Gas Laws and Kinetic Molecular Theory	Apple II & IIe Commodore PET	Mid/Jr. Hi	EXERCI	EIL	
EL-MAG	Advanced Electricity	Apple II	College	EXERCI	CDL, EME, PLP, QUI	
EL-MAG	Electricity and Magnetism (for Arfken et al.)	Apple II & IIe	College	EXERCI	ACP	Phys. Teach. 23, 506 (1985)
EL-MAG	Electricity and Magnetism	Apple II IBM PC	College	EXERCI REMEDL	CBS, CDL, CES, QUI	
EL-MAG	Basic Electricity	Apple II	Sec.-Coll.	DEMONS EXERCI	CDL, PLP	Phys. Teach. 22, 260 (1984)
EL-MAG	Circuit Lab	Apple II Atari 800	Sec.-Coll.	DEMONS EXERCI	MKD	Phys. Teach. 24, 252 (1986); Microsift Coursew. Eval.
EL-MAG	Electricity and Electronics: Direct Current	Apple II	Sec.-Coll.	EXERCI	CDL, PLP	
EL-MAG	Charged Particle Workshop	Apple II	Sec.-Coll.	SIMULA	CDL, HTS	
EL-MAG	Computer Simulated Lab Experiments: Electric Field	Apple II	Sec.-Coll.	DEMONS SIMULA	CSC, EDT, PLP, QUI	Microsift Coursew. Eval.
EL-MAG	Charged Particles II	Apple II, IIc, & IIe	Sec.-Coll.	DEMONS EXERCI	CDL, CBS, CSC, EME, QUI, VES	Microsift Coursew. Eval.
EL-MAG	Lab Experiments: Electricity	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	
EL-MAG	Complex Circuits	Apple II	Sec.-Coll.	EXERCI	EME, PLP, QUI	
EL-MAG	Electricity and Magnetism	Apple II	Sec.-Coll.	EXERCI	EIL, FMI, PLP	
EL-MAG	Basic Concepts of Electricity	Apple II & IIe Commodore PET Commodore 64	Sec.-Coll.	EXERCI REMEDL	CDL, CSC, EIL, MSL, PLP	Phys. Teach. 21, 546 (1983)

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
EL-MAG	Graphic Physics J.H.: Electricity	Apple II	Mid/Jr. Hi	REMEDL	PLP	
EL-MAG	Graphic Physics J.H.: Magnetism	Apple II	Mid/Jr. Hi	REMEDL	PLP	
EL-MAG	Electrical Energy	Apple II		EXERCI	PLP	
EL-MAG	Introduction to Electrical Circuits	Apple II		EXERCI	PLP	
EL-MAG	Resistance	Apple II		EXERCI	PLP	
LIGHT	Geometrical Optics	Apple II	Sec.-Coll.	DEMONS	CDL, CSC, EDT, QUI	
LIGHT	Lecture Demonstrations: Optics	Apple II	Sec.-Coll.	DEMONS	EDT, PLP	
LIGHT	Light Waves (Young's Experiment)	Apple II TRS-80 IBM PC	Sec.-Coll.	SIMULA	CDL, EME PLP, QUI	Phys. Teach. 22, 394 (1984); Sci. Teach. 51, 72 (Dec. 1984)
LIGHT	Light	Apple II	Sec.-Coll.	DATA-H	CBS, CES	Sci. Teach. 51, 98 (May 1984)
LIGHT	Mirrors and Lenses	Apple II TRS-80	Sec.-Coll.	EXERCI	EME, QUI	
LIGHT	Optics	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CBS, CDL, CES, QUI	
LIGHT	Optics and Light	Apple II & IIe	Sec.-Coll.	DEMONS EXERCI	CDL, EIL FMI, PLP	Phys. Teach. 23, 46 (1985); Sci. Teach. 51, 71 (Dec. 1984)
LIGHT	Optics: Mirrors and Beams	Apple II	Sec.-Coll.	EXERCI	HRM	
LIGHT	Ray Tracer	Apple II, IIc, & IIe	Sec.-Coll.	DEMONS EXERCI	CBS, CDL, CSC, QUI, VES	Comp. Teach., p.24 (Nov. 1983)
LIGHT	Graphic Physics J.H.: Light	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MOD-PH	Quantum Mechanics	Apple II	College	DEMONS EXERCI	GRS	
MOD-PH	Schroedinger Equation	Apple II & IIe	College	DEMONS EXERCI	CSC, EDT	Phys. Teach. 24, 58 (1986)

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MOD-PH	Atoms and Matter	Apple II & IIe	Sec.-Coll.	DEMONS SIMULA	EIL, FMI, PLP	
MOD-PH	Atomic Physics	Apple II	Sec.-Coll.	SIMULA	CDL	
MOD-PH	Millikan	Apple II	Sec.-Coll.	SIMULA	MSI	Microsift Coursew. Eval.
MOD-PH	Lab Experiments: Modern Topics	Apple II TRS-80 Commodore PET Commodore 64 IBM PC	Sec.-Coll.	DATA-H	MCP, PLP	
MOD-PH	Computer Physics: Oil Drop	Apple II	Sec.-Coll.	EXERCI SIMULA	CDL, CSC, EDT, PLP QUI	
MOD-PH	Atomic Physics	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CBS, CDL, CES, CSC, PLP, QUI	
MOD-PH	Density/Rutherford Atom	Apple II TRS-80	Sec.-Coll.	EXERCI	EME, PLP, QUI	Sci. Teach. 50, 89 (Nov. 1983)
MOD-PH	Scatter: Nuclear Scattering	Apple II & IIe TRS-80 Commodore PET	Sec.-Coll.	EXERCI	CBS, CON, EDC, QUI	Phys. Teach. 21, 609 (1983)
MOD-PH	Graphic Physics J.H.: Atoms	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MOD-PH	Graphic Physics J.H.: Families of Atoms	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MOD-PH	Graphic Physics J.H.: Matter	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MOD-PH	Graphic Physics J.H.: Radioactivity	Apple II	Mid/Jr. Hi	REMEDL	PLP	
MATH-M	Fourier Analysis II	Apple II	College	DATA-H	CDL, EDT, QUI	
MATH-M	Diff E-Q	Apple II	College	EXERCI	SSC	
MATH-M	Fourier Analysis I	Apple II	College	EXERCI	CDL, CSC, EDT, QUI	
MATH-M	Numerical Methods in Physics	IBM PC	College	EXERCI	CDL, CES, PLP	
MATH-M	Statistical Mechanics	Apple II	College	EXERCI	QUI	

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
MATH-M	Vectors and Graphing	Apple II IBM PC	College	EXERCI REMEDL	CBS, CDL, CES, QUI	Phys. Teach. 21, 49 (1983); Microsift Coursew. Eval.
MATH-M	Vector Addition II	Apple II, IIc, & IIe	Sec.-Coll.	DEMONS	CBS, CDL, CSC, QUI, VES	Phys. Teach. 24, 122 (1986); Microsift Softw. Eval.
MATH-M	Computer-Simulated Lab Experiments: Statistics	Apple II	Sec.-Coll.	SIMULA	CSC, EDT, PLP, QUI	Microsift Coursew. Eval.
MATH-M	Graphical Analysis II	Apple II, IIc, & IIe	Sec.-Coll.	DATA-H EXERCI	CBS, CDL, CSC, EME, VES	Phys. Teach. 24, 122 (1986); Sci. Teach. 52, 71 (April 1985); Digest of Softw. Rev., 3, No. 3 (Mar. 1985); Microsift Coursew. Eval.
MATH-M	Graphics and Uncertainities	Apple II & IIe	Sec.-Coll.	EXERCI	EIL, PLP	
MATH-M	Graphing Equations	Apple II	Sec.-Coll.	EXERCI	CON	Phys. Teach. 24, 527 (1984)
MATH-M	Vectors and Scalars	Apple II	Sec.-Coll.	EXERCI	CDL, EME QUI	Sci. Teach. 51, 154 (Jan. 1984)
MATH-M	Graphs	Apple II	Mid/Jr. Hi	EXERCI	EDT	
MATH-M	Time-Rate-Distance	Apple II	Mid/Jr. Hi	EXERCI	EDT	
MATH-M	Graphs and Charts	Commodore 64	Mid/Jr. Hi	EXERCI	MEI	Microsift Coursew. Eval.
MATH-M	Lab Plots	Apple II & IIe	Mid/Jr. Hi	EXERCI	OLI	
GENL	Physics Gems	Apple II IBM PC	Sec.-Coll.	EXERCI REMEDL	CDL, CES, PLP, QUI	Microsift Coursew. Eval.
GENL	Knowledge Master-Utility Disk	Apple II	Sec.-Coll.	UTILTY	ACH, PLP, QUI	Phys. Teach. 23, 175 (1985)
GENL	Measurement Series	Apple II, IIc, & IIe Commodore 64	Sec.-Coll.	REMEDL	MSL	Sci. Teach. 52, 63 (Dec. 1985)

Subject	Title of Software	Hardware	Level	Purpose	Vendor	Reviews
GENL	Physics Test Maker	Apple II	Sec.-Coll.	UTILTY	EIL, JSS, PLP	
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GENL	Create-a-Test: Physics 671	Apple II Commodore 64	Sec.-Coll.	UTILTY	CDL, CES	Sci. Teach. 51, 73 (Feb. 1984)
GENL	Create-a-Test: Physics 672	Apple II Commodore 64	Sec.-Coll.	UTILTY	CDL, CES	Sci. Teach. 51, 73 (Feb. 1984)
GENL	Create-a-Test: Physics 673	Apple II Commodore 64	Sec.-Coll.	UTILTY	CDL, CES	Sci. Teach. 51, 73 (Feb. 1984)
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GENL	Physical Science Series	Apple II Commodore PET Commodore 64 IBM PC	Mid/Jr. Hi	DATA-H EXERCI	EIL, MCP, OLI, PLP	Microsift Coursew. Eval.
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